Yorkshire Dales National Park

Forecast valid from 00:00 on Wednesday 31 Mar 2021 until 23:59 on Thursday 01 Apr 2021

Forecast Issued on Tuesday 30 Mar 2021 at 09:24

Confidence: Relatively high for settled and clear conditions dominating for much of the period, but medium for detail of cloud cover overnight Wednesday and early Thursday, also for the timing of a break to more unsettled and cold conditions for Sunday.

Headline for Wednesday 31 Mar 2021: Mainly dry and bright. Mild with relatively light winds.

Mountain weather hazards on Wednesday 31 Mar 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Medium Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Clear night	Clear night	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Sunny intervals	Cloudy
Precipitation probability							
00%	00%	00%	00%	00%	00%	<05%	10%

Forecast for Wednesday 31 Mar 2021

Weather: Clear spells overnight leading to a cold start towards dawn. A dry day with plentiful bright and sunny spells. Cloud feeding from the east during the evening, bringing risk of mist and patchy light rain and drizzle towards midnight.

Chance of cloud free mountain/hill tops above 600m: 95%+ by day.

Visibility: Good or very good, but moderate or poor in later mist, rain or drizzle, less in cloud, chiefly late evening.

Forecast for Wednesday 31 Mar 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	14/20 S	11/14 S	9/13 SW	9/12 SW	6/10 W	5/9 N	11/18 NE	14/22 NE	16/26 NE
300	3/8 SE	2/6 S	2/8 SW	4/9 SW	4/8 W	4/8 N	8/15 NE	12/24 NE	15/27 NE
Valley	3/7 SE	1/4 S	1/6 SW	2/6 SW	4/8 SW	3/6 W	7/13 N	14/24 NE	17/29 NE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	9/6	7/5	9/7	11/10	12/11	9/7	5/1	4/-1
300	9/8	7/7	6/5	11/10	13/13	15/14	12/10	8/5	6/2
Valley	9/9	8/7	7/7	12/11	14/13	15/15	13/12	9/6	8/4
Freezing Level*	2000m	2100m	2000m	2000m	2000m	2000m	2000m	2000m	2000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Risk sunburn in exposure.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Tue 30 Mar 2021	0mm	7.6mm	24.4mm

Forecast for Thursday 01 Apr 2021

Weather: Rather cloudy overnight and at first Thursday, particularly across eastern ranges with some patchy light rain, drizzle, mist and hill fog. However dry and increasingly sunny from around late morning, with risk of sunburn into the afternoon.

Maximum wind: East to northeast 15-20 mph with gusts reaching 30mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 600m: Initially ranging from 10% in far east and 40% in far west, lifting 95% plus from mid-day.

Visibility: Generally moderate or poor at first, occasionally very poor across eastern ranges, otherwise good to very good.

Temperature: **Valleys:** Plus 4 Celsius increasing 13 Celsius during the afternoon
At 600m: Plus 4 Celsius decreasing Zero Celsius later
Freezing level: Above summits lowering 600m later